

ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6205G08131-3G-1	REACTION
-2	1	RBW6205G08131-3G-2	PUSHER
-3	1	RBW6205G08131-3G-3	PIN ASSY
-5	1	RBW6205G08131-3G-5	MODIFIED BOLT
6	1	McMaster#94895A825 OR EQUIV	YELLOW ZINC PLATED GRADE 8 STEEL HEX NUT 1/2"-20 X 7/16" HT.
7	2	McMaster#98023A033 OR EQUIV.	STEEL WASHER 0.531" ID. X 1.062" OD.

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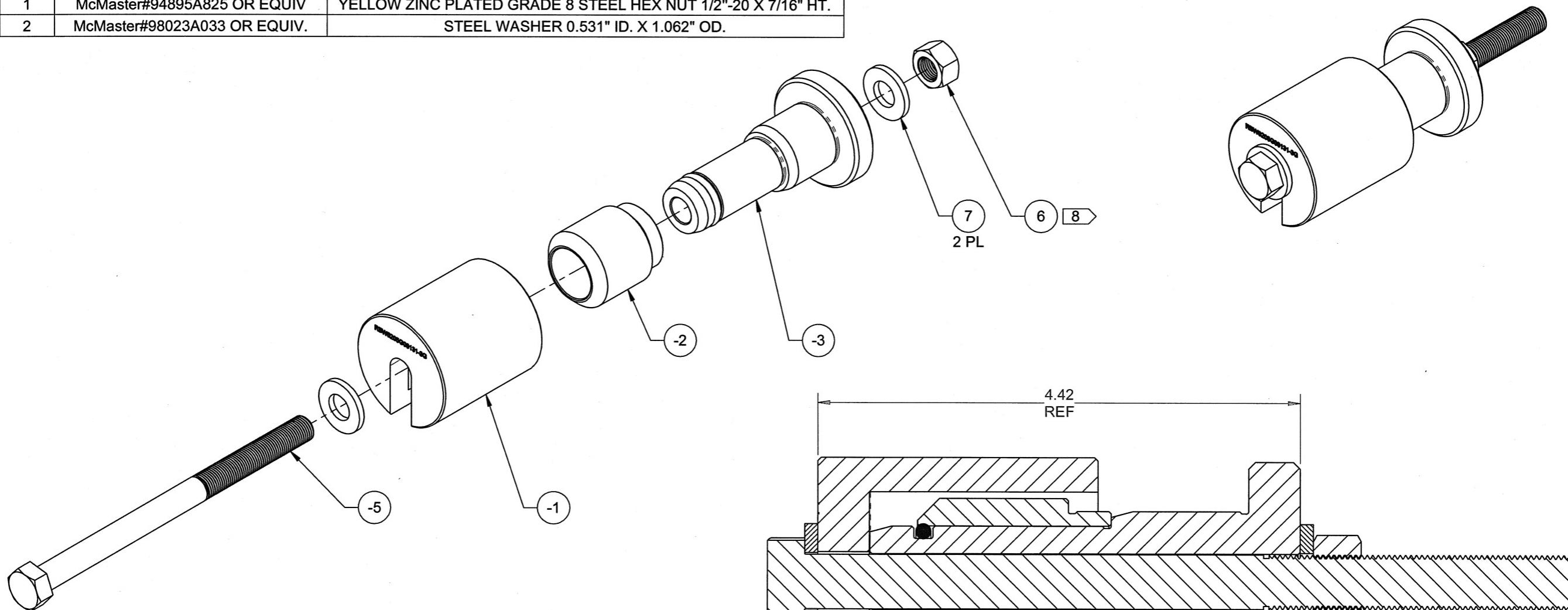
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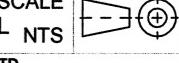
RBW6205G08131-3G M/R FLANGED BUSHING INSTALLATION TOOL

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FOR REFERENCE ONLY

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) INSTALL ITEM 6 HAND TIGHT
- 9) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	19-695	VM
REV.	DESCRIPTION	ECN #	BY
DESIGN	VM	DART AEROSPACE LTD	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A TOOL PART # <b>RBW6205G08131-3G</b> SHEET 1 OF 6 TITLE M/R FLANGED BUSHING INSTALLATION TOOL NTS 	
MFG. APPR.	JFC		
APPROVED	WJP		
DATE 4/23/2019			
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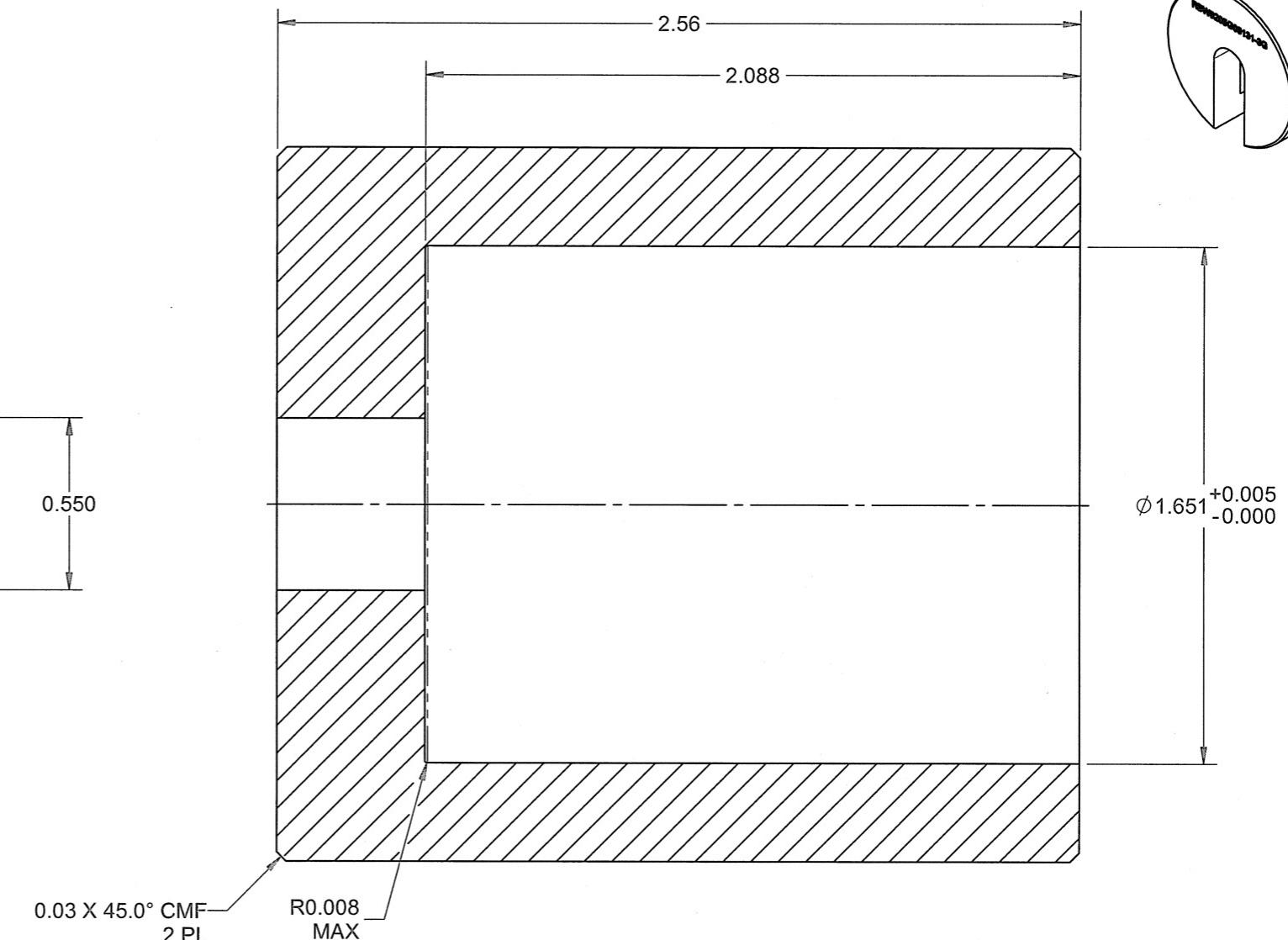
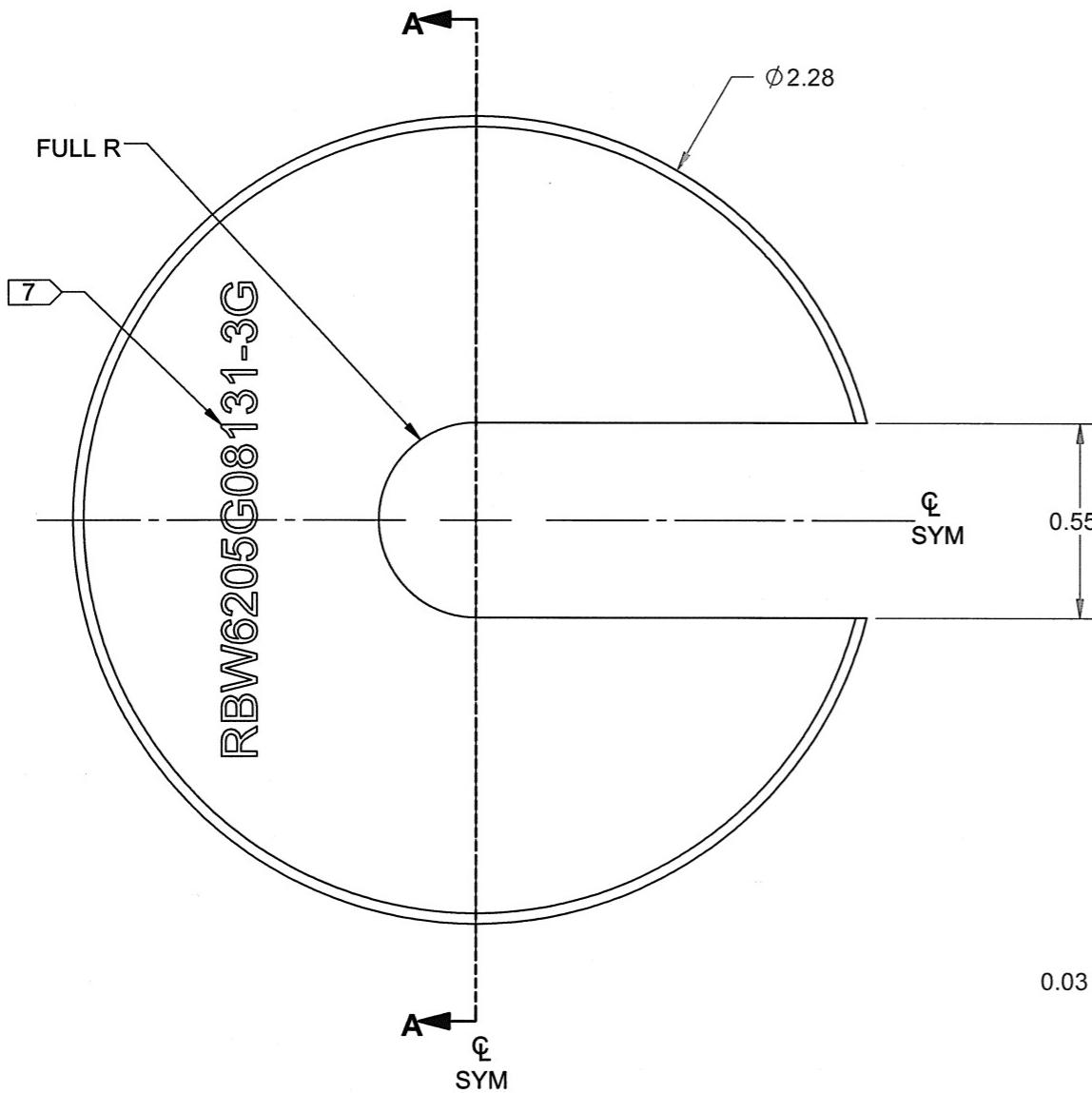
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### RBW6205G08131-3G-1 REACTION

#### NOTES:

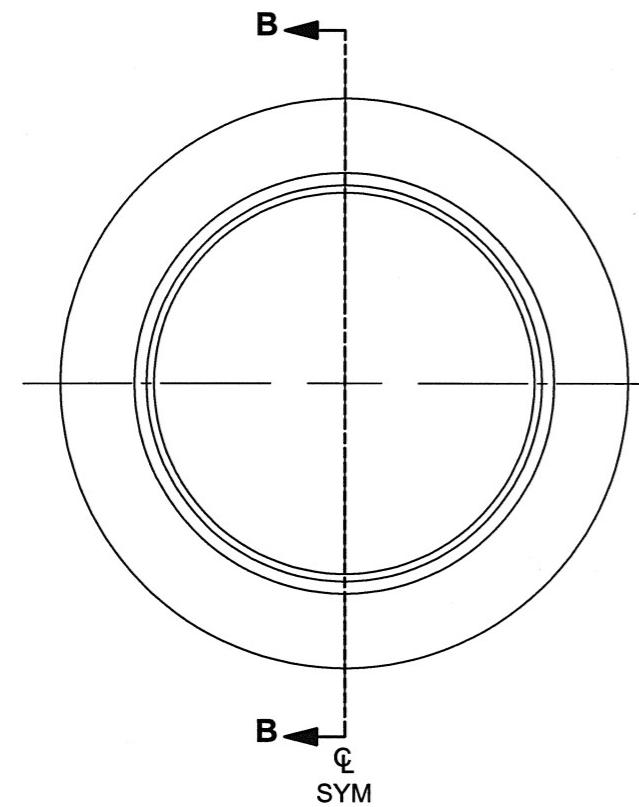
- 1) MATERIAL: 6061-T6 / 7075-T6
- 2) HEAT TREAT: N/A
- 3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°

- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N AS SHOWN

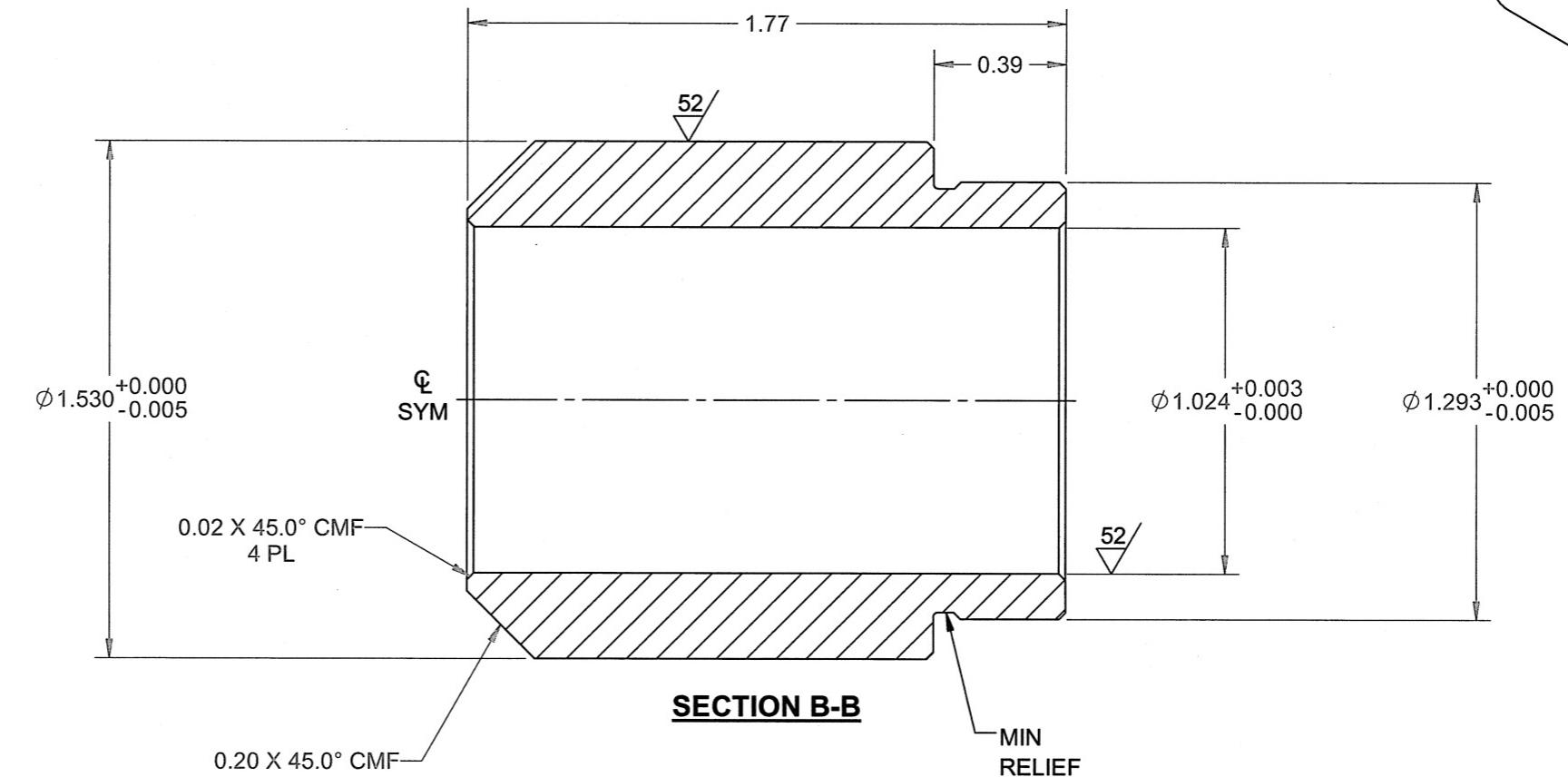
DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT		
MFG. APPR.	JFC	TOOL PART #	
APPROVED	WPF	RBW6205G08131-3G	
DATE 4/23/2019		REV. A	SHEET 2 OF 6
TITLE		SCALE	
M/R FLANGED BUSHING INSTALLATION TOOL NTS		COPRIGHT © 2019 BY DART AEROSPACE LTD	
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**RBW6205G08131-3G-2 PUSHER**



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**NOTES:**

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

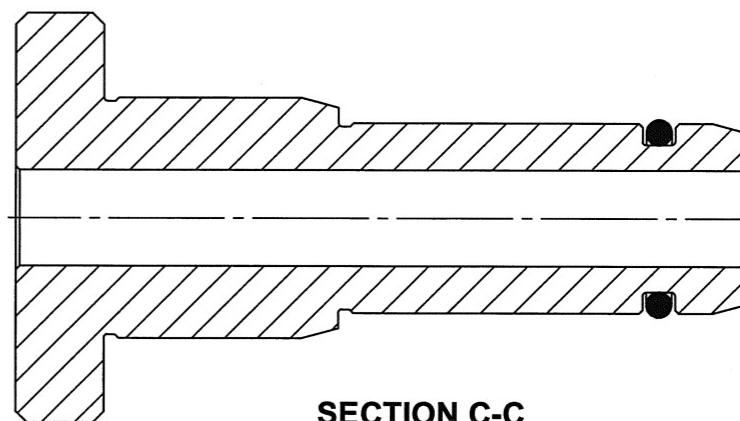
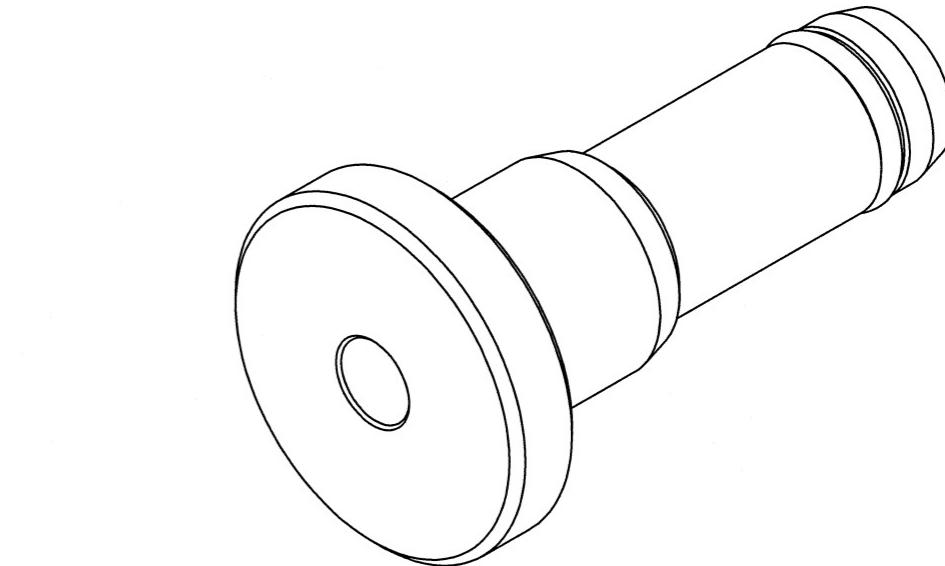
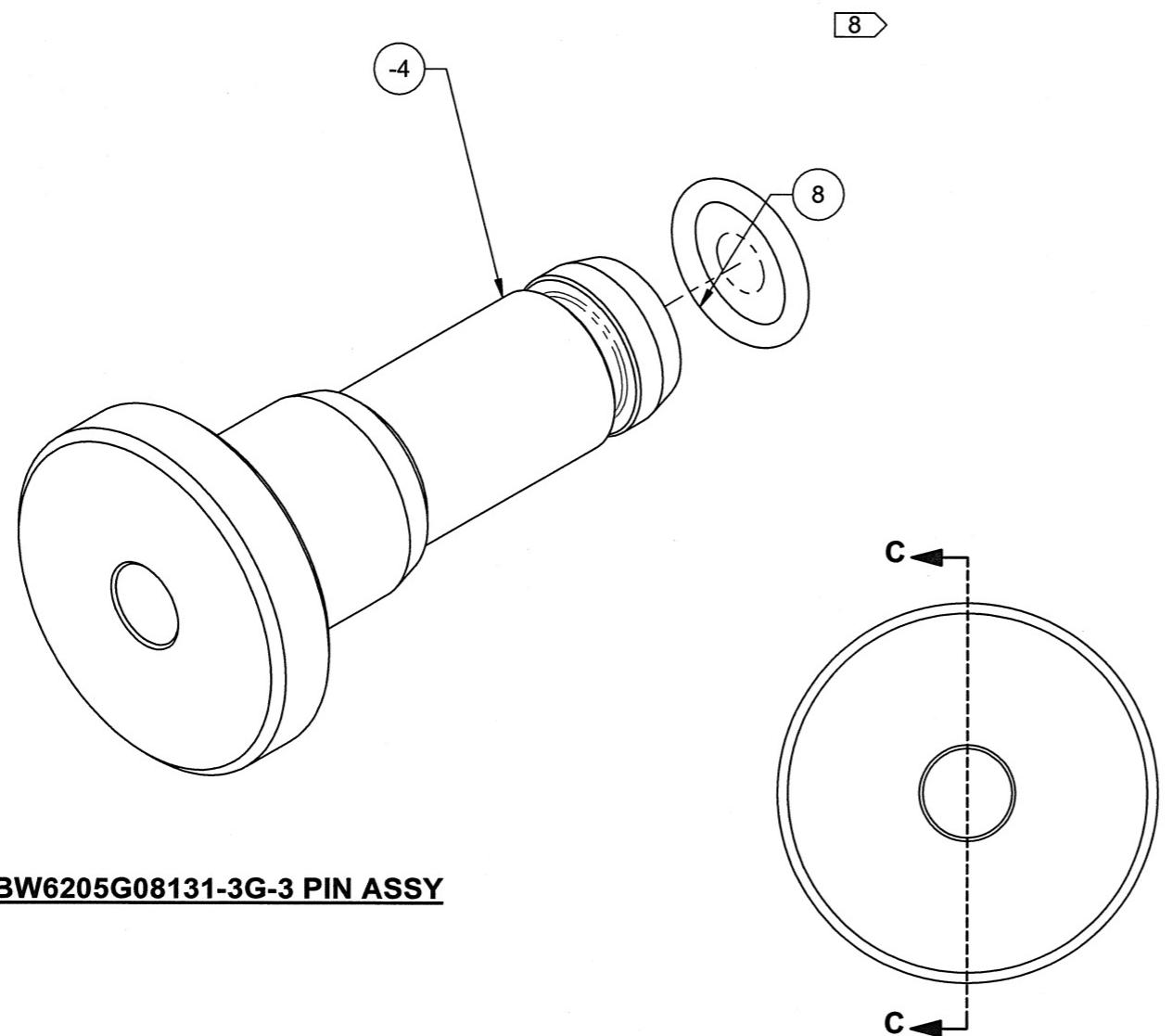
DESIGN	VM	DART AEROSPACE LTD
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA
CHECKED	KPT	TOOL PART #
MFG. APPR.	JFC	<b>RBW6205G08131-3G</b>
APPROVED	<i>[Signature]</i>	REV. A
		SHEET 3 OF 6
		SCALE
		M/R FLANGED BUSHING INSTALLATION TOOL NTS
DATE 4/23/2019		
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ITEM #	QTY	PART #	PART TITLE
-4	1	RBW6205G08131-3G-4	PIN
8	1	McMaster#9262K793 OR EQUIV.	BUNA-N O-RING 20mm ID X 27mm OD X 3.5mm THK.

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- NOTES:  
 1) MATERIAL: N/A  
 2) HEAT TREAT: N/A  
 3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
 X.XX = +/- 0.01" / +/- 0.5°  
 X.XXX = +/- 0.005" / +/- 0.1°  
 X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) IDENTIFICATION: N/A

7) ASSEMBLE AS SHOWN

8) APPLY MOLYKOTE 55 OR EQUIVALENT ON ITEM 8 THEN ASSEMBLE WITH ITEM -4 AND REMOVE EXCESS

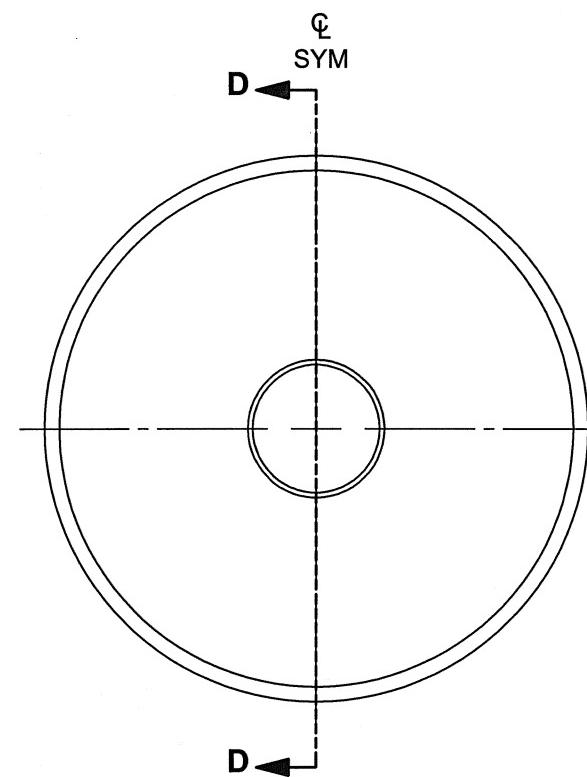
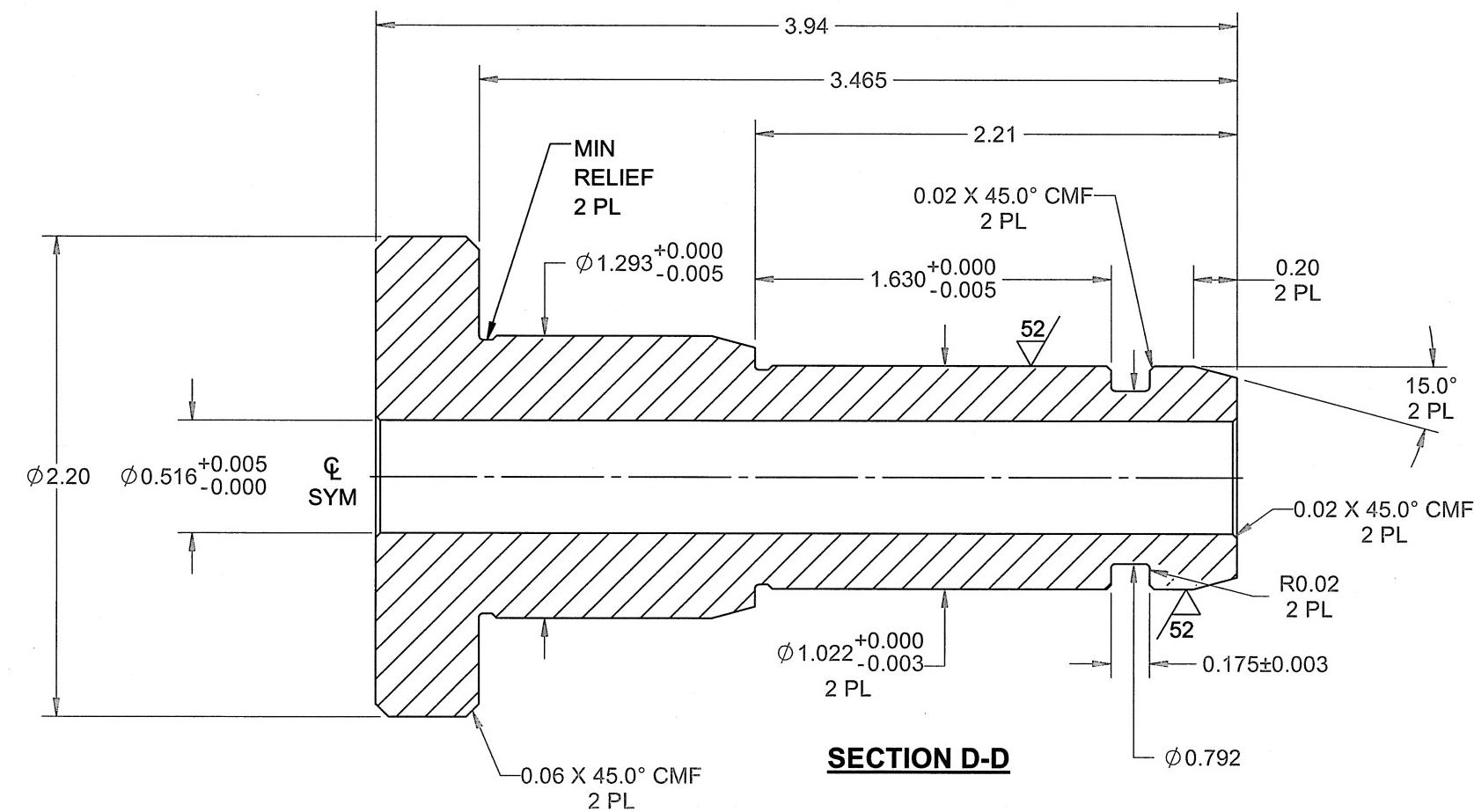
DESIGN	VM	<b>DART AEROSPACE LTD</b>	
DRAWN	VM	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	REV. A	
MFG. APPR.	JFC	SHEET 4 OF 6	
APPROVED	<i>VM</i>	TOOL PART #	
		<b>RBW6205G08131-3G</b>	
		TITLE	
		M/R FLANGED BUSHING INSTALLATION TOOL NTS	
		SCALE	
DATE 4/23/2019			

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RBW6205G08131-3G-4 PIN

## NOTES:

- 1) MATERIAL: 4140/4142 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: ZINC PLATE (YELLOW OR BLACK) PER ASTM B633 TYPE 2 CLASS 2
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN DRAWN	VM	DART AEROSPACE LTD
CHECKED	KPT	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	JFC	TOOL PART #
APPROVED	X	RBW6205G08131-3G
		REV. A
		SHEET 5 OF 6
		SCALE
		M/R FLANGED BUSHING INSTALLATION TOOL NTS
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DATE 4/23/2019

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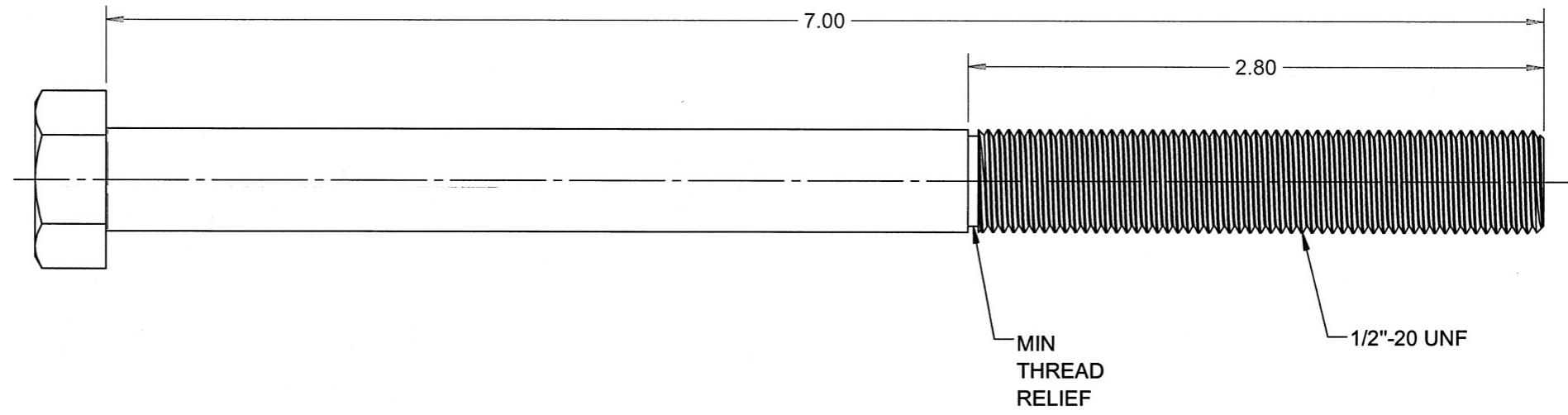
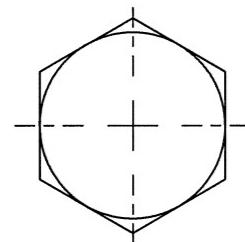
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### RBW6205G08131-3G-5 MODIFIED BOLT

#### NOTES:

- 1) MATERIAL: McMaster#91257A497 OR EQUIV (ZINC YELLOW PLATED GRADE 8 STEEL HEX HEAD SCREW 1/2"-20 X 9" LG.)
- 2) HEAT TREAT: N/A
- 3) FINISH:
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°  
X.XX = +/- 0.01" / +/- 0.5°  
X.XXX = +/- 0.005" / +/- 0.1°  
X.XXXX = +/- 0.0005" / +/- 0.05°  
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN DRAWN	VM	<b>DART AEROSPACE LTD</b>	
CHECKED	VM	HAWKESBURY, ONTARIO, CANADA	
MFG. APPR.	KPT	TOOL PART #	REV. A
APPROVED	JFC	RBW6205G08131-3G	SHEET 6 OF 6
		TITLE	
		M/R FLANGED BUSHING INSTALLATION TOOL NTS	
		SCALE	
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DATE 4/23/2019

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